Permit Fact Sheet

General Information

Permit Number:	WI-0051128-07-0
Permittee Name:	BelGioioso Cheese Inc
Address:	4200 Main Street
City/State/Zip:	Green Bay WI 54311
Discharge Location:	5850 County Road NN, Denmark, WI 54208 (NE, SE, SE, Section 24, Town of Glenmore, Brown County) and approved landspreading sites and storage facilities located in Brown, Kewaunee, and Manitowoc counties
Receiving Water:	An unnamed tributary of the Devils River located in the West Twin River Watershed (TK01) of the Northeast Lakeshore Basin and groundwater of various watersheds in Brown, Kewaunee, and Manitowoc counties via land application
Stream Flow ($Q_{7,10}$):	0 cfs
Stream Classification:	Limited Aquatic Life (LAL), non-public water supply

Facility Description

BelGioioso Cheese Inc. is an Italian cheese processor. The BelGioioso Cheese Inc. Denmark wastewater treatment plant, located at 5850 County Road NN, Denmark, WI 54208, treats wastewater from the BelGioioso Glenmore, Denmark, and New Denmark production facilities. Noncontact cooling water (NCCW) from the Glenmore and Denmark facilities are also discharged under the BelGioioso Cheese Inc. Denmark permit. NCCW from New Denmark is covered under the NCCW general permit. Cheese produced at this facility includes mascarpone, mozzarella, and provolone cheeses. BelGioioso brings in approximately 3.2 million pounds of milk per day. Whey produced in the cheese making process is hauled to another BelGioioso facility for treatment and disposal.

Wastewater enters a baffled equalization tank and then onto a strainer. Pretreatment of the wastewater continues with a dissolved air flotation (DAF) unit and then flows into an anoxic selector tank. After the selector tank wastewater flows to an aeration basin and then onto a screen filter prior to the membrane filter. Solids produced at the membrane filter can be used as return activated sludge (RAS) or sent as waste activated sludge (WAS) to the DAF unit followed by the sludge tank. RAS may be sent to the aeration basin or the anoxic selector tank. NCCW is combined with the wastewater discharge prior to the outfall to the receiving water.

Sample Point Designation		
Sample Point Number	**Discharge Flow, Units, and Averaging Period**	**Sample Point Location, WasteType/sample Contents and Treatment Description (as applicable)**
005	786,500 Gallons (Total for 2019)	Land application of segregated high strength wastewater to Department approved sites and/or other methods of disposal. Representative samples shall be collected prior to landspreading on Department approved land application sites.
007	0.46 MGD (1/1/19-12/31/19)	Representative samples of noncontact cooling water combined with treated process wastewater shall be obtained prior to discharge to the creek.

Sample Point Designation		
Sample Point Number	**Discharge Flow, Units, and Averaging Period**	**Sample Point Location, WasteType/sample Contents and Treatment Description (as applicable)**
009	1,858,500 Gallons (Total for 2019)	Land application of wastewater treatment plant sludge to Department approved land application sites and/or other methods of disposal. Representative samples shall be collected prior to landspreading on Department approved land application sites or disposal.
010	258,000 Gallons (Total for 2019)	Land application of the combination of segregated high strength wastewater and wastewater treatment plant sludge to Department approved sites and/or other methods of disposal. Representative samples shall be collected prior to disposal or landspreading on Department approved land application sites.

1 Surface Water - Proposed Monitoring and Limitations

Sample Point Number: 007- NCCW & TREATED PROCESS WW

Monitoring Requirements and Limitations					
Parameter	**Limit Type**	**Limit and Units**	**Sample Frequency**	**Sample Type**	**Notes**
Flow Rate		MGD	Daily	Total Daily	
Temperature Maximum	Daily Max	86 deg F	3/Week	Continuous	
BOD5, Total	Daily Max	40 mg/L	3/Week	Flow Prop Comp	
BOD5, Total	Monthly Avg	20 mg/L	3/Week	Flow Prop Comp	
BOD5, Total	Daily Max	132 lbs/day	3/Week	Calculated	
BOD5, Total	Monthly Avg	66 lbs/day	3/Week	Calculated	
Suspended Solids, Total	Daily Max	40 mg/L	3/Week	Flow Prop Comp	
Suspended Solids, Total	Monthly Avg	20 mg/L	3/Week	Flow Prop Comp	
Suspended Solids, Total	Daily Max	72 lbs/day	3/Week	Calculated	
Suspended Solids, Total	Monthly Avg	36 lbs/day	3/Week	Calculated	

Monitoring Requirements and Limitations					
Parameter	**Limit Type**	**Limit and Units**	**Sample Frequency**	**Sample Type**	**Notes**
pH Field	Daily Max	9.0 su	3/Week	Grab	
pH Field	Daily Min	6.0 su	3/Week	Grab	
Chloride	Daily Max	620 mg/L	3/Week	Flow Prop Comp	
Chloride	Weekly Avg	400 mg/L	3/Week	Flow Prop Comp	
Chloride	Monthly Avg	400 mg/L	3/Week	Flow Prop Comp	
Chloride	Weekly Avg	1,600 lbs/day	3/Week	Calculated	
Phosphorus, Total	Monthly Avg	0.84 mg/L	3/Week	Flow Prop Comp	This is an interim limit. The final water quality based limits of 0.075 mg/L and 0.3 lbs/day as 6-month averages and 0.225 mg/L as a monthly average go into effect per Schedule 3.2.
Phosphorus, Total	Rolling 12 Month Avg	1.0 mg/L	3/Week	Flow Prop Comp	
Chlorine, Total Residual	Daily Max	19 ug/L	Weekly	Grab	Limit effective October 1, 2023
Chlorine, Total Residual	Weekly Avg	7.3 ug/L	Weekly	Grab	Limit effective October 1, 2023
Chlorine, Total Residual	Monthly Avg	7.3 ug/L	Weekly	Grab	Limit effective October 1, 2023
Dissolved Oxygen		mg/L	Weekly	Grab	
Nitrogen, Ammonia Variable Limit		mg/L	3/Week	See Table	Using the daily pH result look up the daily maximum variable ammonia limit in the table and enter on the DMR.
Nitrogen, Ammonia (NH3-N) Total	Daily Max - Variable	mg/L	3/Week	Flow Prop Comp	
Nitrogen, Ammonia (NH3-N) Total	Weekly Avg	11 mg/L	3/Week	Flow Prop Comp	Limit effective June-September
Nitrogen, Ammonia (NH3-N) Total	Weekly Avg	10 mg/L	3/Week	Flow Prop Comp	Limit effective October-March
Nitrogen, Ammonia (NH3-N) Total	Weekly Avg	7.7 mg/L	3/Week	Flow Prop Comp	Limit effective April & May

Monitoring Requirements and Limitations					
Parameter	**Limit Type**	**Limit and Units**	**Sample Frequency**	**Sample Type**	**Notes**
Nitrogen, Ammonia (NH3-N) Total	Monthly Avg	5.9 mg/L	3/Week	Flow Prop Comp	Limit effective June-September
Nitrogen, Ammonia (NH3-N) Total	Monthly Avg	4.6 mg/L	3/Week	Flow Prop Comp	Limit effective October-March
Nitrogen, Ammonia (NH3-N) Total	Monthly Avg	3.8 mg/L	3/Week	Flow Prop Comp	Limit effective April & May
Nitrogen, Total Kjeldahl		mg/L	Quarterly	Flow Prop Comp	
Nitrogen, Nitrite + Nitrate Total		mg/L	Quarterly	Flow Prop Comp	
Nitrogen, Total		mg/L	Quarterly	Calculated	Total Nitrogen shall be calculated as the sum of reported values for Total Kjeldahl Nitrogen and Total Nitrite + Nitrate Nitrogen.
Acute WET		TUa	See Listed Qtr(s)	24-Hr Flow Prop Comp	

Changes from Previous Permit:

- Updated effluent limits for chloride and added a mass limit
- Removed total recoverable copper, total recoverable zinc, and total hardness monitoring
- Updated ammonia nitrogen effluent limits
- Added total residual chlorine monitoring and effluent limits
- Added phosphorus interim effluent limit
- Added nitrate+nitrite, total Kjeldahl nitrogen, and total nitrogen effluent monitoring
- Updated acute whole effluent toxicity testing requirements
- Added dissolved oxygen effluent monitoring
- Added effluent limits for total residual chlorine and chloride to comply with the expression of limits in ss. NR 106.07 and NR 205.065(7), Wis. Adm. Code

Explanation of Limits and Monitoring Requirements

Water Quality-Based Effluent Limits (WQBEL) and WET Requirements

Refer to the WQBEL Memo for the detailed calculations, prepared by the Water Quality Bureau dated April 28, 2020 used for this reissuance.

BOD_5, TSS and pH

Limits are continued at the levels in the current permit. The pH limits are based on ch. NR 102, Wis. Adm. Code.

Thermal

Requirements for Temperature are included in NR 102 Subchapter II Water Quality Standards for Temperature and NR 106 Subchapter V Effluent Limitations for Temperature. Thermal discharges must meet the Public Health criterion of 120 degrees F and the Fish & Aquatic Life criteria which are established to protect aquatic communities from lethal and sub-lethal thermal effects. The limit in the current permit continues to remain in effect.

Phosphorus

Phosphorus requirements are based on the Phosphorus Rules that became effective 12/1/2010 as detailed in NR 102 Water Quality Standards and NR 217 Effluent Standards and Limitations for Phosphorus. Chapter NR 217 of the Wis. Adm. Code addresses point source dischargers of phosphorus to surface waters. WQBELs for phosphorus are needed whenever the discharge contains phosphorus at concentrations or loadings that will cause or contribute to an exceedance of the water quality standards.

For the reasons explained in the April 30, 2012 paper entitled 'Justification for Use of Monthly, Growing Season and Annual Average Periods for Expression of WPDES Permit Limits for Phosphorus Discharges in Wisconsin', WDNR has determined that it is impracticable to express the phosphorus WQBEL for the permittee as a maximum daily or weekly value. The final effluent limit for phosphorus is expressed as a six-month average. It is also expressed as a monthly average equal to three times the derived WQBEL. This final effluent limit was derived from and complies with the applicable water quality criterion.

A limit of 0.075 mg/L as a six-month average is recommended along with a monthly average limit of 0.225 mg/L, based on s. NR 217.14(2). A six-month average limit should be averaged during the months of May-October and November-April. Mass limits are also proposed (see limits memo). The facility cannot currently meet proposed limits. Since the permittee is unable to immediately achieve the proposed WQBELs based on existing operation, a schedule of compliance is appropriate and necessary pursuant to s. NR 217.17, Wis. Adm. Code. A lengthy compliance schedule has been included because the permittee may need a significant amount of time to meet the stringent phosphorus WQBELs contained in the permit. The overall compliance schedule takes place over a 9-year time period. Please see compliance schedule specifics in the Schedules section. Because a phosphorus compliance schedule was granted, an interim phosphorus limit was also calculated based on current effluent quality to prevent backsliding during the term of the permit. This interim limit of 0.84 mg/L as a monthly average is included in the permit and is based on the highest reported discharge concentration.

Ammonia

Current acute and chronic ammonia toxicity criteria for the protection of aquatic life are included in Tables 2C and 4B of ch. NR 105, Wis. Adm. Code. Subchapter IV of ch. NR 106 establishes the procedure for calculating water quality based effluent limitations (WQBELs) for ammonia.

Chloride

Acute and chronic chloride toxicity criteria for the protection of aquatic life are included in Tables 1 and 5 of ch. NR 105, Wis. Adm. Code. Subchapter VII of ch. NR 106 establishes the procedure for calculating water quality based effluent limitations (WQBELs) for chloride.

Total Nitrogen Monitoring (NO2+NO3, TKN and Total N)

As recommended in the Department's October 1, 2019 Guidance for Total Nitrogen Monitoring in Wastewater Permits, quarterly total nitrogen (total Kjeldahl nitrogen and nitrate+nitrite) monitoring is recommended for all class A cheese plants where elevated nitrogen levels are expected to occur. Total Nitrogen is the sum of nitrate (NO_3), nitrite (NO_2), and total Kjeldahl nitrogen (all expressed as N).

Whole Effluent Toxicity

Whole effluent toxicity (WET) testing requirements are determined in accordance with ss. NR 106.08 and NR 106.09, Wis. Adm. Code, as revised August 2016. For a discharge to a Limited Aquatic Life water body that is more than four miles from a downstream change in use, only acute toxicity testing is evaluated.

Industrial Effluent Limits

There was a change in expression of limits per the 2016 revisions to NR 205.065. In accordance with the federal regulation 40 CFR 122.45(d), limits in this permit are to be expressed as daily maximum and monthly average limits whenever practicable. Minor changes have been made to chloride and total residual chlorine limits.

Categorical Limits

Refer to the WQBEL Addendum (Technology-Based Effluent Limitations) for the detailed calculations, prepared by the Water Quality Bureau dated May 8, 2020 used for this reissuance.

Phosphorus

Chapter NR 217, Wis. Adm. Code addresses point source dischargers of phosphorus to surface waters. The code categorically limits industrial dischargers of more than 60 pounds of phosphorus per month to 1.0 mg/L unless an alternative limit is approved. The existing TBEL of 1.0 mg/L as a 12-month rolling average limit is retained. This limit remains applicable unless a more stringent water quality-based limit is given.

BOD_5 and TSS

Chapter NR 240 Wis. Adm. Code requires effluent limits for any point source discharges of wastewater generated from processing dairy products. Belgioioso Cheese – Denmark generates wastewater from the following applicable processing subcategories as described in s. NR 240.02: cheese (natural/processed), cheese (cottage/cream), and whey (condensed/dry). In addition, the mass loading from the New Denmark facility has increased since the last TBEL evaluation; therefore, TBELs for BOD_5 and TSS must be evaluated at this time.

The daily maximum and monthly average BOD_5 limits of 132 and 66 lbs/day are retained. The daily maximum and monthly average TSS limits of 72 and 36 lbs/day are also retained. The limits for the other parameters determined in the WQBEL memorandum will remain the same.

2 Land Application - Liquids/Sludge/By-Product Solids (industrial only)

Sample Point Number: 005- LANDSPREAD LIQUIDS

Monitoring Requirements and Limitations					
Parameter	**Limit Type**	**Limit and Units**	**Sample Frequency**	**Sample Type**	**Notes**
Chloride		mg/L	Monthly	Grab	
Nitrogen, Total Kjeldahl		mg/L	Monthly	Grab	
Phosphorus, Total		mg/L	Quarterly	Grab	
Solids, Total		Percent	Annual	Grab	

Changes from Previous Permit:

No changes.

Explanation of Limits and Monitoring Requirements

Requirements for land application of industrial liquid wastewater are determined in accordance with ch. NR 214, Wis. Adm. Code.

Sample Point Number: 009- WWTP SLUDGE

Monitoring Requirements and Limitations					
Parameter	**Limit Type**	**Limit and Units**	**Sample Frequency**	**Sample Type**	**Notes**
Solids, Total		Percent	Annual	Composite	Dry weight
Nitrogen, Total Kjeldahl		Percent	Annual	Composite	Dry weight
Chloride		Percent	Annual	Composite	Dry weight
pH Field		su	Annual	Composite	
Nitrogen, Ammonia (NH3-N) Total		Percent	Annual	Composite	
Nitrogen, Organic Total		Percent	Annual	Composite	Dry weight
Phosphorus, Total		Percent	Annual	Composite	Dry weight
Potassium, Total Recoverable		Percent	Annual	Composite	Dry weight
Lead Dry Wt		mg/kg	Annual	Composite	
Zinc Dry Wt		mg/kg	Annual	Composite	
Copper Dry Wt		mg/kg	Annual	Composite	
Cadmium Dry Wt		mg/kg	Annual	Composite	
Nickel Dry Wt		mg/kg	Annual	Composite	

Changes from Previous Permit:

No changes.

Explanation of Limits and Monitoring Requirements

Requirements for land application of industrial sludge are determined in accordance with ch. NR 214, Wis. Adm. Code.

Sample Point Number: 010- High Strength and WWTP Sludge

Monitoring Requirements and Limitations					
Parameter	**Limit Type**	**Limit and Units**	**Sample Frequency**	**Sample Type**	**Notes**
Solids, Total		Percent	Monthly	Grab	
Nitrogen, Total Kjeldahl		Percent	Monthly	Grab	
Chloride		Percent	Monthly	Grab	
pH Field		su	Monthly	Grab	
Nitrogen, Ammonium (NH4-N) Total		Percent	Monthly	Grab	
Nitrogen, Organic Total		Percent	Monthly	Grab	
Phosphorus, Total		Percent	Monthly	Grab	
Phosphorus, Water Extractable		% of Tot P	Monthly	Grab	
Potassium, Total Recoverable		Percent	Monthly	Grab	
Lead Dry Wt		mg/kg	Annual	Composite	
Zinc Dry Wt		mg/kg	Annual	Composite	
Copper Dry Wt		mg/kg	Annual	Composite	
Cadmium Dry Wt		mg/kg	Annual	Composite	
Nickel Dry Wt		mg/kg	Annual	Composite	

Changes from Previous Permit:

No changes.

Explanation of Limits and Monitoring Requirements

Requirements for land application of industrial sludge are determined in accordance with ch. NR 214, Wis. Adm. Code.

3 Compliance Schedules

3.1 Total Residual Chlorine Limits Compliance

This compliance schedule requires the permittee to achieve compliance by the specified date.

Required Action	Due Date
Report on Effluent Discharges: Submit a report on effluent chlorine with conclusions regarding compliance.	09/30/2021

Action Plan: Submit an action plan for complying with applicable chlorine limits.	03/31/2022
Initiate Actions: Initiate actions identified in the plan.	09/30/2022
Complete Actions: Complete actions necessary to achieve compliance with effluent chlorine limits.	09/30/2023

3.2 Water Quality Based Effluent Limits (WQBELs) for Total Phosphorus

The permittee shall comply with the WQBELs for Phosphorus as specified. No later than 14 days following each compliance date, the permittee shall notify the Department in writing of its compliance or noncompliance. If a submittal is required, a timely submittal fulfills the notification requirement.

Required Action	Due Date
Operational Evaluation Report: The permittee shall prepare and submit to the Department for approval an operational evaluation report. The report shall include an evaluation of collected effluent data, possible source reduction measures, operational improvements or other minor facility modifications that will optimize reductions in phosphorus discharges from the treatment plant during the period prior to complying with final phosphorus WQBELs and, where possible, enable compliance with final phosphorus WQBELs by October 1, 2023. The report shall provide a plan and schedule for implementation of the measures, improvements, and modifications as soon as possible, but not later than October 1, 2023 and state whether the measures, improvements, and modifications will enable compliance with final phosphorus WQBELs. Regardless of whether they are expected to result in compliance, the permittee shall implement the measures, improvements, and modifications in accordance with the plan and schedule specified in the operational evaluation report. If the operational evaluation report concludes that the facility can achieve final phosphorus WQBELs using the existing treatment system with only source reduction measures, operational improvements, and minor facility modifications, the permittee shall comply with the final phosphorus WQBEL by October 1, 2023 and is not required to comply with the milestones identified below for years 3 through 9 of this compliance schedule ('Preliminary Compliance Alternatives Plan', 'Final Compliance Alternatives Plan', 'Final Plans and Specifications', 'Treatment Plant Upgrade to Meet WQBELs', 'Complete Construction', 'Achieve Compliance'). STUDY OF FEASIBLE ALTERNATIVES - If the Operational Evaluation Report concludes that the permittee cannot achieve final phosphorus WQBELs with source reduction measures, operational improvements and other minor facility modifications, the permittee shall initiate a study of feasible alternatives for meeting final phosphorus WQBELs and comply with the remaining required actions of this schedule of compliance. If the Department disagrees with the conclusion of the report, and determines that the permittee can achieve final phosphorus WQBELs using the existing treatment system with only source reduction measures, operational improvements, and minor facility modifications, the Department may reopen and modify the permit to include an implementation schedule for achieving the final phosphorus WQBELs sooner than October 1, 2029.	09/30/2021
Compliance Alternatives, Source Reduction, Improvements and Modifications Status: The permittee shall submit a 'Compliance Alternatives, Source Reduction, Operational Improvements and Minor Facility Modification' status report to the Department. The report shall provide an update on the permittee's: (1) progress implementing source reduction measures, operational improvements, and minor facility modifications to optimize reductions in phosphorus discharges and, to the extent that such measures, improvements, and modifications will not enable compliance with the WQBELs, (2) status evaluating feasible alternatives for meeting phosphorus WQBELs.	09/30/2022

Preliminary Compliance Alternatives Plan: The permittee shall submit a preliminary compliance alternatives plan to the Department. If the plan concludes upgrading of the permittee's wastewater treatment facility is necessary to achieve final phosphorus WQBELs, the submittal shall include a preliminary engineering design report. If the plan concludes Adaptive Management will be used, the submittal shall include a completed Watershed Adaptive Management Request Form 3200-139 without the Adaptive Management Plan. If water quality trading will be undertaken, the plan must state that trading will be pursued.	09/30/2023
Final Compliance Alternatives Plan: The permittee shall submit a final compliance alternatives plan to the Department. If the plan concludes upgrading of the permittee's wastewater treatment is necessary to meet final phosphorus WQBELs, the submittal shall include a final engineering design report addressing the treatment plant upgrades, and a facility plan if required pursuant to ch. NR 110, Wis. Adm. Code. If the plan concludes Adaptive Management will be implemented, the submittal shall include a completed Watershed Adaptive Management Request Form 3200-139 and an engineering report addressing any treatment system upgrades necessary to meet interim limits pursuant to s. NR 217.18, Wis. Adm. Code. If the plan concludes water quality trading will be used, the submittal shall identify potential trading partners. Note: See 'Alternative Approaches to Phosphorus WQBEL Compliance' in the Surface Water section of this permit.	09/30/2024
Progress Report on Plans & Specifications: Submit progress report regarding the progress of preparing final plans and specifications. Note: See 'Alternative Approaches to Phosphorus WQBEL Compliance' in the Surface Water section of this permit.	09/30/2025
Final Plans and Specifications: Unless the permit has been modified, revoked and reissued, or reissued to include Adaptive Management or Water Quality Trading measures or to include a revised schedule based on factors in s. NR 217.17, Wis. Adm. Code, the permittee shall submit final construction plans to the Department for approval pursuant to s. 281.41, Stats., specifying treatment plant upgrades that must be constructed to achieve compliance with final phosphorus WQBELs, and a schedule for completing construction of the upgrades by the complete construction date specified below. (Note: Permit modification, revocation and reissuance, and reissuance are subject to s. 283.53(2), Stats.) Note: See 'Alternative Approaches to Phosphorus WQBEL Compliance' in the Surface Water section of this permit.	09/30/2026
Treatment Plant Upgrade to Meet WQBELs: The permittee shall initiate construction of the upgrades. The permittee shall obtain approval of the final construction plans and schedule from the Department pursuant to s. 281.41. Stats. Upon approval of the final construction plans and schedule by the Department pursuant to s. 281.41, Stats., the permittee shall construct the treatment plant upgrades in accordance with the approved plans and specifications. Note: See 'Alternative Approaches to Phosphorus WQBEL Compliance' in the Surface Water section of this permit.	12/31/2026
Construction Upgrade Progress Report #1: The permittee shall submit a progress report on construction upgrades. Note: See 'Alternative Approaches to Phosphorus WQBEL Compliance' in the Surface Water section of this permit.	12/31/2027

Construction Upgrade Progress Report #2: The permittee shall submit a progress report on construction upgrades. Note: See 'Alternative Approaches to Phosphorus WQBEL Compliance' in the Surface Water section of this permit.	12/31/2028
Complete Construction: The permittee shall complete construction of wastewater treatment system upgrades. Note: See 'Alternative Approaches to Phosphorus WQBEL Compliance' in the Surface Water section of this permit.	09/30/2029
Achieve Compliance: The permittee shall achieve compliance with final phosphorus WQBELs. Note: See 'Alternative Approaches to Phosphorus WQBEL Compliance' in the Surface Water section of this permit.	10/01/2029

Explanation of Compliance Schedules

Total Residual Chlorine Limits Compliance – This is a standard schedule that allows the facility time to investigate options for meeting a new chlorine effluent limit.

Water Quality Based Effluent Limits (WQBELs) for Total Phosphorus – The facility does not currently treat for phosphorus and cannot meet proposed limits. Since the permittee is unable to immediately achieve the proposed WQBELs based on existing operation, a schedule of compliance is appropriate and necessary pursuant to s. NR 217.17, Wis. Adm. Code. A lengthy compliance schedule has been included because the permittee may need a significant amount of time to meet the stringent phosphorus WQBELs contained in the permit. The overall compliance schedule takes place over a 9-year time period. An interim limit of 0.84 mg/L as a six-month average is included in the permit.

Attachments:

Substantial Compliance Determination, by Laura Gerold, Wastewater Engineer, dated January 22, 2020

WQBEL Memo: Water Quality-Based Effluent Limitations for BelGioioso Cheese Inc Denmark Facility WPDES Permit No. WI-0051128-07-0, by Michael A. Polkinghorn, E.I.T., Water Resources Engineer, dated April 28, 2020

WQBEL Addendum: Addendum to permit to include BOD & TSS TBELs, by Michael A. Polkinghorn, E.I.T., Water Resources Engineer, dated May 8, 2020

Proposed Expiration Date:

September 20, 2025

Prepared By:

Sarah Donoughe, Wastewater Specialist

Date: August 19, 2020